

## **ABSTRACT OF THE DISCLOSURE**

A BER testing apparatus of a DSRC ITS includes a personal computer for commanding a BER test, receiving a BER value according to the BER test command, and displaying the BER value. The testin apparatus also includes a roadside equipment for transmitting a BER test message in accordance to the BER test command. Additionally, the testing apparatus includes an on-board equipment for comparing the BER test message received from the roadside equipment with a previously stored BER test message to compute a BER value. Thereafter, the on-board equipment transmits the computed BER value to the roadside equipment. Since the on-board equipment and the roadside equipment are used without any additional testing unit and the radio transmission quality can be measured by a simple switch manipulation, the BER testing can be performed simply.